PTC/\$6/96 (08-03)

Approved for use through 07/31/2008, OMB 0631-0031

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STATEMENT UNDER 37 CFR 3.73(b)	
Applicant/Pakent Owner:Bavykin, et al.	
Application No./Patent No.: C9/75*,654 Filed/lesus Date: December 29, 2000	* .
Applicant/Patent Owner: Bavykin, et al. Application No/Patent No.: C9/75',654 Filed/Issue Date: December 29, 2000 CC Entitled: COLUMN DEVICE FOR ISOLATION AND LABELING OF NUCLEIC ACIDS University of Chicago)
University of Chicago University	
(Name of Assignee) (Type of Assignee, e.g., composition, partnership, university, government egency, sc.)	
states that it is: 1. the assignee of the entire right, title, and interest; or	
2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is% In the patent application/patent identified above by virtue of either;	
A. [k] An assignment, from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011714, Frame 0280, or for which a copy thereof is attached.	
OR	
B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:	EIVED
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[] Additional documents in the chain of title are listed on a supplemental sheet.	
[xi] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]	
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.	
September 22, 2003 Renee Canden	
Dete Typed or printed name (777) 702 2706	
(773) 702-3204	
Telephone number Asst. UP Strategickes Thit.	

The collection of Information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form end/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Palent and T ademost Office. U.S. Dupartment of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. BEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450.



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OCTOBER 25, 2001

MICHAEL J. CHERSKOV SUITE 1447 20 NORTH WACKER DRIVE CHĮCAGO, IL 60606 PTAS RECEIVED

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/16/2001

REEL/FRAME: 011714/0280 NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZAKHARIEV, VLADIMIR M.

DOC DATE: 03/11/2001

RECEIVED

ASSIGNOR:

MIRZABEKOV, ANDREI

DOC DATE: 03/11/2001

OCT 0 6 2003

ASSIGNOR:

AKOWSKI, JAMES P.

DOC-DATE: 04/04/2001

TECH CENTER 1600/2900

ASSIGNOR:

BAVYKIM, SERGET G.

DOC DATE: 03/28/2001

ASSIGNEE:

CHICAGO, UNIVERSITY OF, THE 5801 SOUTH ELLIS AVENUE CHICAGO, ILLINOIS 60637

SERIAL NUMBER: 09751654

PATENT NUMBER:

FILING DATE: 12/29/2000

ISSUE DATE:

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	To the Honorable Commissioner of Patents and Trademarks: Pl	ease record the attached original documents or copy thereof.
	The of conveying party(ies):	
,	Vladimir M. Zakhariev	Name and address of receiving party(ies)
•	Andrei Mirzabekov, James P. Akowski	Name: The University of Chicago
	Sergei G. Bavykin	Internal Address:
Additio	el name(s) of conveying party(les) attached? ☐ Yes ☐ No	miletings Accurates.
		Name: The University of Chicago
3. Na	rure of conveyance:	
L2P	Assignment	40
4	Ssignment	Street Address: 5801 South Ellis Avenue
, a	Security Agreement	
	j	Chu Chicago
J	Other	City: Chicago State: IL ZIP: 60637
Exec	tion Date:	
		Additional name(s) & eddress(es) stached? Q Yes Q No
4. A	plication number(s) or patent number(s):	
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¥	his document is being filed together with a new application	n, the execution date of the application is:
	Patent Application No.(s)	RECEIVED
	09/751,654	B. Patent No.(s)
	03/731,034	OCT 0 6 2003
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	Additional numbers art	TECH CENTER 1600/2900
5. N	me and address of party to whom correspondence	6. Total number of applications and patents involved:
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Nie	ane Michael J. Cherskov	
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r: #i	of the best of my knowledge and belief, the foregoing inform of original document.	nation is true and correct and any attached copy is a true copy of
•**		
_	Michael J. Cherskov	11. Chester April 13,2001
	Name of Person Signing	Signature Date
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ASSIGNMENT

We, Sergei G. Bavykin of Darien, Illinois, and James P. Akowski of Alexandria, Virginia, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the COLUMN DEVICE FOR ISOLATION AND LABELING OF NUCLEIC ACIDS, ANL Case No. ANL-IN-99-120, filed in the U.S. Patent and Trademark Office on December 29, 2000, and assigned serial No. 09/751,654, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues, non-provisional patent applications, and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to said UNIVERSITY OF CHICAGO, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

	Hielliah Qualit
Sergei G. (Bayvking Bavykin	Witness
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Date	Date
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James P. Akowski	Witness
4/4/01	4/4/01
Date	Date

ASSIGNMENT

We, Vladimir M. Zakhariev of Moscow, Russia, and Andrei Mirzabekov of Darien, Illinois, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the COLUMN DEVICE FOR ISOLATION AND LABELING OF NUCLEIC ACIDS, ANL Case No. ANL-IN-99-120, filed in the U.S. Patent and Trademark Office on December 29, 2000, and assigned serial No. 09/751,654, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues, non-provisional patent applications, and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Parent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country, and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

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V. Zakhariev Vladimir M. Zakhariev	Mimess
93.11.2001	13.11.2001
Date	Date
And	Morales va
Andrei Mirzabekov	Witness
0)///2001 Date	03.11.200 ₁ Date

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STATEMENT UNDER 37 CFR 3,73(b)
Applicant/Patent Owner: Bavykin, et al.
Application No / Patent No.: 10/057,753 Filed/Issue Date: December 23, 2002
Applicant/Patent Owner: Bavykin, et al. Application No/Patent No.: 10/057,753 Filed/Issue Deta: December 23, 2002 Endtled: METHOD FOR LABELING DNA AND RNA
University of Chicago a University (Name of Assignee): (Type of Assignee, e.g., corporation, partnership, unhousity, government agency, etc.) states that it is: 1. If the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is
A. [x] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Real <u>012833</u> , Frame <u>C544</u> , or for which a copy thereof is attached.
OR
B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
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2. From: To:
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[] Additional documents in the chain of title are listed on a supplemental sheet.
[y] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Pain 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
September 22, 2003 Renee Carder
Date A Typed or printed name 4
(773) 702-3204
Talephone number Asst. VP Strategic Res Thit
Trile

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This coffection is estimated to take 12 minutes to complete, including gathering, preparing, and automitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patient and Trademark Office, U.S. Copertment of Commercia, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO This ADDRESS. SEND TO: Constmissioner for Patenta, P.O. Box 1450, Alexandria, VA 22313-1450.

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JUNE 27, 2002

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CHERSKOV & FLAYNIK MICHAEL J. CHERSKOV 20 NORTH WACKER DRIVE, SUITE 1447 CHICAGO, ILLINOIS 60606

Chief Information Officer Washington, DC 20231 www.uspto.gov



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RECORDATION DATE: 04/22/2002

REEL/FRAME: 012833/0544

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BAVYKIN, SERGEI

DOC DATE: 03/25/2002

ASSIGNOR:

MIRZABEKOV, ANDREI

DOC DATE: 03/26/2002

ASSIGNEE:

CHICAGO, UNIVERSITY OF, THE 5801 SOUTH ELLIS AVENUE CHICAGO, ILLINOIS 60637

SERIAL NUMBER: 10057753 PATENT NUMBER:

FILING DATE: 01/23/2002

ISSUE DATE:

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FINANCE SECTION

05-01-2002



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∠ Name of conveying party(ies):	Name and address of receiving party(ies)
Sergei Bavykin Andrei Mirzabekov # 22 .02	Name: The University of Chicago
iditional name(s) of conveying party(ies) attached? □ Yes □ No	Internal Address:
	2. Name and address of receiving party(ies) Name: The University of Chicago Internal Address:
Nature of conveyance:	
X Assignment	Street Address: 5801 South Ellis Avenue
☐ Security Agreement ☐ Change of Name	
Other	City: Chicago: State: II. ZIP: 60637
Execution Date: March 25/26, 2002	Additional name(s) & address(ee) attached? 그 Yes 및 No
4. Application number(s) or patent number(s):	
	the evention date of the application in
If this document is being filed together with a new application	
A. Patent Application No.(s)	B. Patent No.(s)
10/057,753	
Additional numbers at	rtached? Cl. Yes Q(No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:
Name:Cherskov & Flaynik	7. Total fee (37 CFR 3.41)\$ \$40.00
Internal Address: Suite 1447	SI Enclosed
	☐ Authorized to be charged to deposit account
Street Address: 20 North Wacker Drive	Deposit account number:
City:Chicago State: T. ZIP60606	(Attach duplicate copy of this page if paying by deposit account)
DO NOT U	SE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing informative original document. The original document.	mation is true and correct and any attached copy is a true copy of
Michael i Cherskov Milae	Signature Date

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05/01/2002 TDIAZ1

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ASSIGNMENT

We, Sergei Bavykin of Darien, Illinois, and Andrei Mirzabekov of Moscow, Russia, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the METHOD FOR LABELING DNA AND RNA, ANL Case No. ANL-IN-98-093, filed on January 23, 2002, Application Serial No. 10/057,753, which claimed the benefit of U.S. Provisional Application Serial No. 60/263,840, filed on January 23, 2001, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to said UNIVERSITY OF CHICAGO, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

gul	Mar 1121	Page Sandre Clesson	3/25/02
Andrei D. Mirzabekov	Date	Witness	Date
(h)	3-26-82		
Sergei Bavykin	Date	Witness	Date